



Practitioner's Docket No. 410391

11-10-03

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Express Mail Label No. EL 993395577 US **PATENT**

**IN THE UNITED STATES PATENT OFFICE**

In re application of: Loren M. Caldwell et al.  
Application No.: 10/632,735  
Filed: 1 August 2003

For:

Group No.: Unknown  
Examiner: Unknown

**OPTICAL AIR DATA SYSTEMS AND METHODS**

**Commissioner for Patents**  
**P.O. Box 1450**  
**Alexandria, VA 22313-1450**

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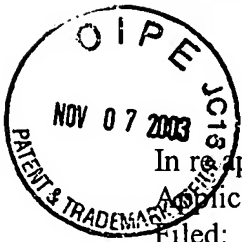
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1. Transmittal Form (1 page)
2. IDS Transmittal (1 page)
3. Substitute for Form 1449A/PTO (1 page)
4. Copies of 10 cited references (84 pages)
5. Certificate of Mailing, (1 page)
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Linda Levin



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Loren M. Caldwell et al.

Group No.: Unknown

Application No.: 10/632,735

Examiner: Unknown

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For: OPTICAL AIR DATA SYSTEMS AND METHODS

Certificate of Mailing Under 37 CFR §1.10

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INFORMATION DISCLOSURE STATEMENT TRANSMITTAL  
FILED UNDER 37 C.F.R. § 1.97(B)

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Pursuant to 37 C.F.R. §§ 1.56, 1.97(b) and 1.98, Applicants submit herewith an Information Disclosure Statement Form PTO-1449 (modified) together with copies of references of which Applicants are aware, which applicants believe may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 C.F.R. § 1.56.

Applicants believe no fees are currently due. However, should any additional fees be required in connection with the filing of this Information Disclosure Statement, the Commissioner is hereby authorized to charge said fees to Deposit Account No. 12-0600.

Respectfully submitted,

Date: 11/7/03

By:

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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 1

**Complete if Known**

Application Number	10/632,735
Filing Date	1 August 2003
First Named Inventor	Loren M. Caldwell et al.
Group Art Unit	Unknown
Examiner Name	Unknown
Attorney Docket Number	410391

**OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		KORB, C.L.; GENTRY, B. M.; WENG, C.Y. 1992: "Edge Technique: Theory and Application to the Lidar Measurement of Atmospheric Wind." Applied Optics, 31, 4202.	
		MILES, R. B.; FORKEY, J. N.; LEMPERT, W. R. 1992: "Filtered Rayleigh Scattering Measurements in Supersonic/Hypersonic Facilities", AIAA 17th Aerospace Ground Testing Conference, paper AIAA-92-3894, pp. 1-10.	
		PHILIPPE, L. C.; HANSON, R.K. 1993: "Laser Diode Wavelength-Modulation Spectroscopy for Simultaneous Measurement of Temperature, Pressure, and Velocity in Shock-Heated Oxygen Flows", Applied Optics, 32, 6090-6103.	
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		SHE, C. Y., ALVAREZ II, R. J.; CALDWELL, L. M.; KRUEGER, D.A. 1992: "High Spectral-Resolution Rayleigh-Mie Lidar Measurement of Aerosol and Atmospheric Profiles", Optics Letters, 17, 541.	
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		KLINER, D. A. V.; DI TEODORO, F.; KOPLow, J. P.; MOORE, S. W.; SMITH, A. V. 2002: "Efficient Second, Third, Fourth, and Fifth Harmonic Generation of Yb-Doped Fiber Amplifier", Optics Communications, 210, 393-398.	
		TENTI, G.; BOLEY, C. D.; DESAI, R. C. 1974: "On The Kinetic Model Description of Rayleigh-Brillouin Scattering From Molecular Gases", Canadian Journal of Physics, 52, 285-290.	
		ALVAREZ II, R. J.; CALDWELL, L. M.; WOLYN, P. G.; KRUEGER, D. A.; MCKEE, T. B.; SHE, C. Y. 1993: "Profiling Temperature, Pressure, and Aerosol Properties Using a High Spectral Resolution Lidar Employing Atomic Blocking Filters", Journal of Atmospheric and Oceanic Technology, 10, 546.	

Examiner Signature	Date Considered
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

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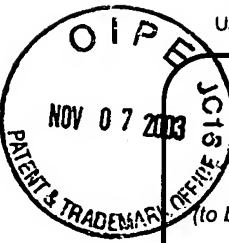
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# TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

<b>TRANSMITTAL FORM</b> (to be used for all correspondence after initial filing)	Application Number	10/632,735	
	Filing Date	1 August 2003	
	First Named Inventor	Loren M. Caldwell et al.	
	Group Art Unit	Unknown	
	Examiner Name	Unknown	
Total Number of Pages in This Submission	89	Attorney Docket Number	410391

ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Response <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): <b>IDS Transmittal; Modified Form 1449A/PTO; Copies of References (10 refs.); Certificate of Mailing; Return Postcard</b>
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